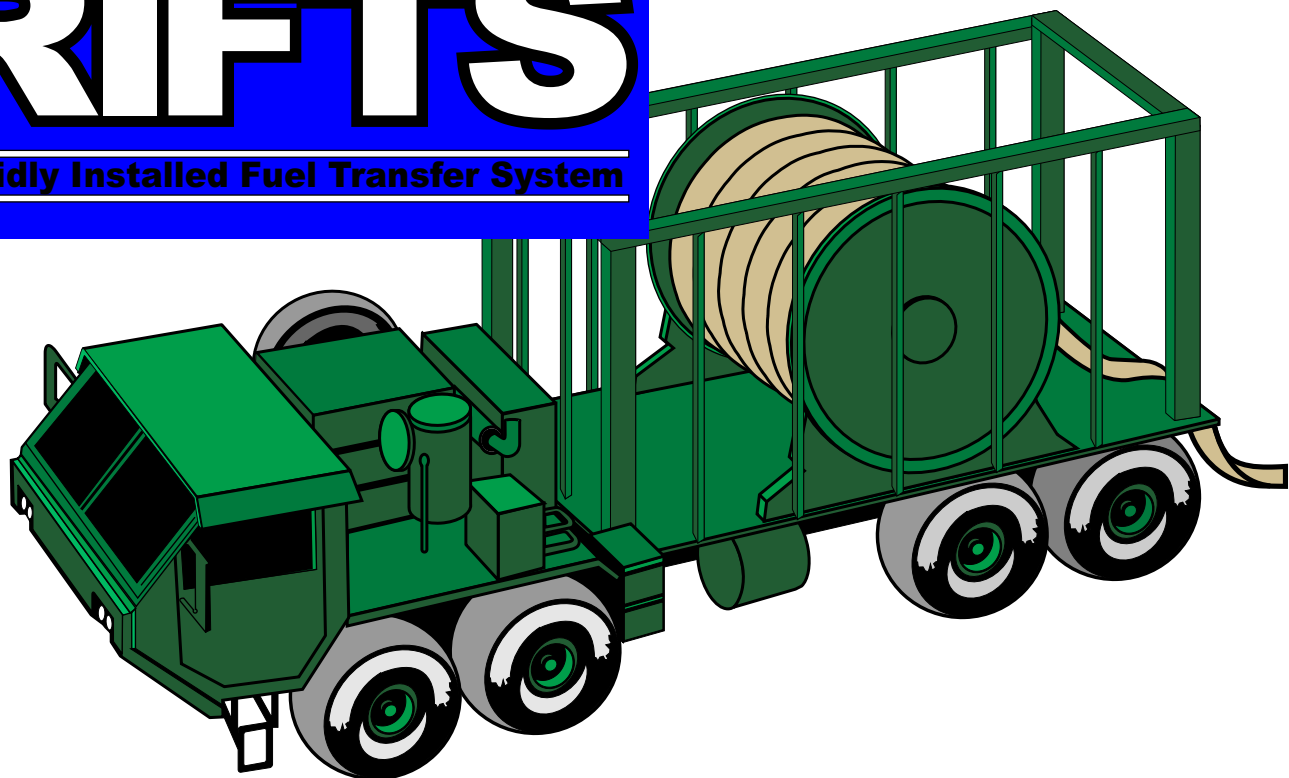


# RIFTS

**Rapidly Installed Fuel Transfer System**



## Rapidly Installed Fuel Transfer System

The RIFTS is a bulk fuel distribution system that can be deployed across all types of terrain at a minimum rate of 20 to 30 miles per day. The system is capable of delivering a minimum throughput of 850,000 gallons of fuel per day. Depending on the type and size of terrain, the system can be consisted of up to 50 miles of conduit.

### System Includes

Basic Unit:

- Conduit Module
- Pump Stations
- Leak Detection System
- Command and Control Module
- Computer Based Planning Aid

### Operational Concept

- The primary system for transferring large quantities of bulk petroleum on the Force XXI battlefield.
- Can be installed at a minimum rate of 20 miles per day (mpd).



### Contact Information

#### PM PAWS

[www.tacom.army.mil/dsa/pmtaws/pm\\_paws](http://www.tacom.army.mil/dsa/pmtaws/pm_paws)  
COM: (586) 574-4200 DSN: 786-4200  
FAX: (586) 574-3988

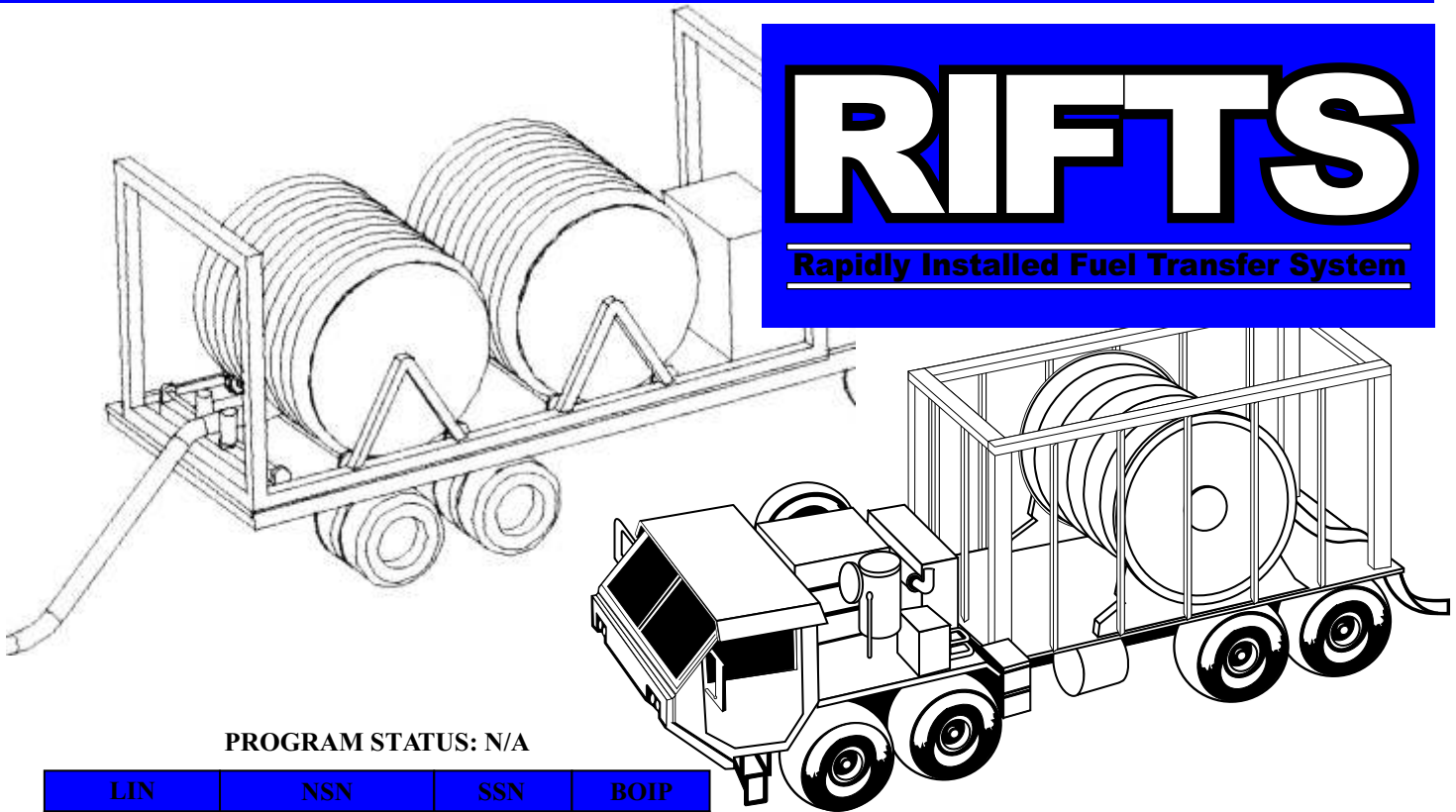
#### PAWS Help Line

[pawshelp@tacom.army.mil](mailto:pawshelp@tacom.army.mil)  
COM: (586) 574-4143 DSN: 786-4143

#### QUARTERMASTER

[www.quartermaster.army.mil](http://www.quartermaster.army.mil)





# RIFTS

**Rapidly Installed Fuel Transfer System**

PROGRAM STATUS: N/A

LIN	NSN	SSN	BOIP
N/A	N/A	N/A	N/A

## Transportability

Aircraft: C-130 and CH-47  
 ISO 1C or Flatrack configuration

## Environmental Conditions

Storage -30°F to 120°F  
 Operation -25°F to 120°F

## Performance

Installation rate..... 20 miles per day (minimum)  
 Retrieval rate..... 10 miles per day (minimum)  
 Fuel throughput ..... 850,000 gallons per day  
 Leak detection..... 10 gallons per minute  
 Shelf life..... 15 year (minimum)  
 Useful life (once wetted with fuel)..... 10 years (minimum)

## Dimensions

System Under Development